



Title: Measuring Circulating Blood Volume  
through Retinal Vasculometry  
Inventor(s): Siegel  
Serial No. 10/632,212  
Atty Docket No. MIT-146  
Atty/Agent: Ronda P. Moore/JBFriedman

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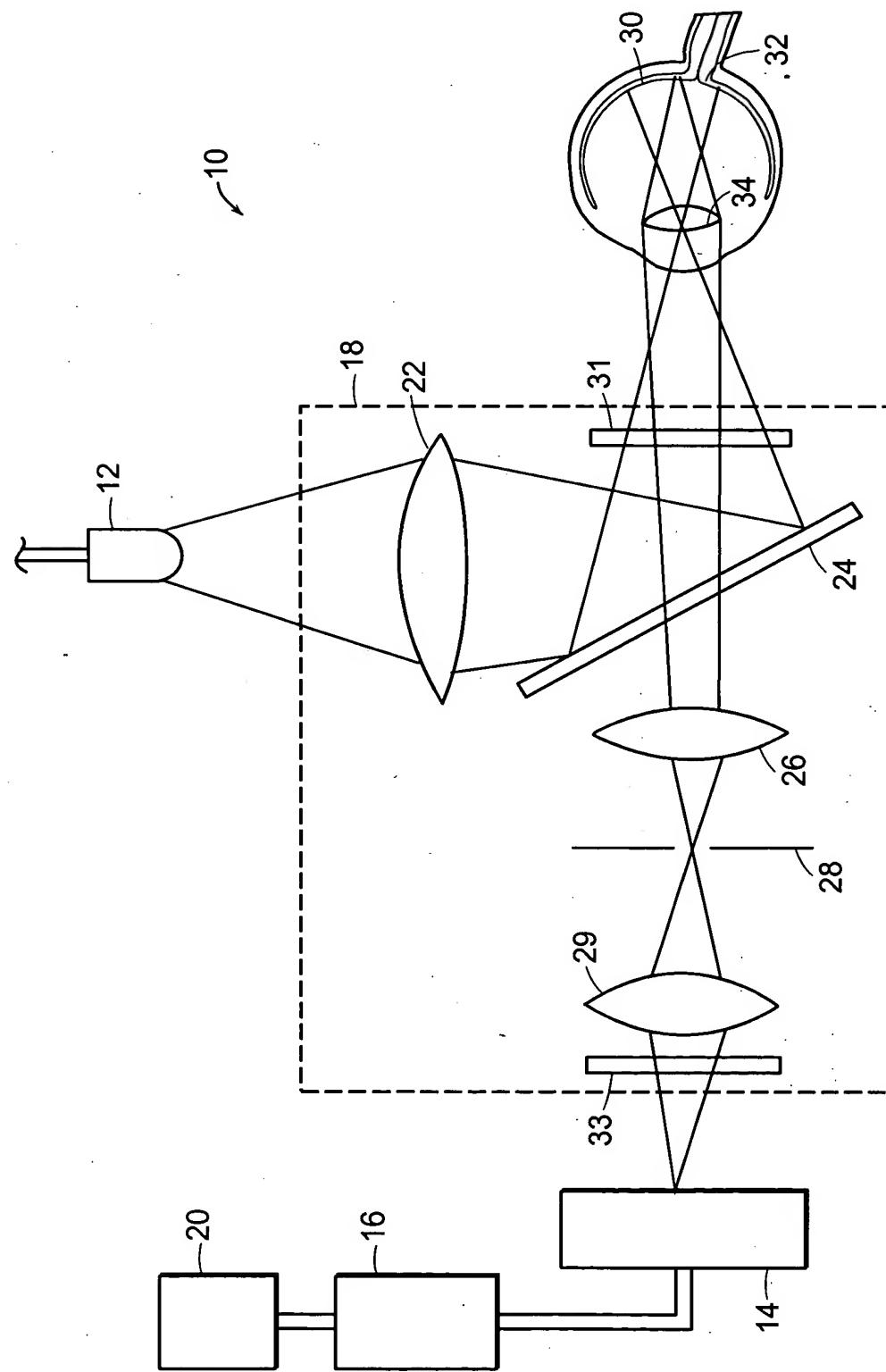


FIG.

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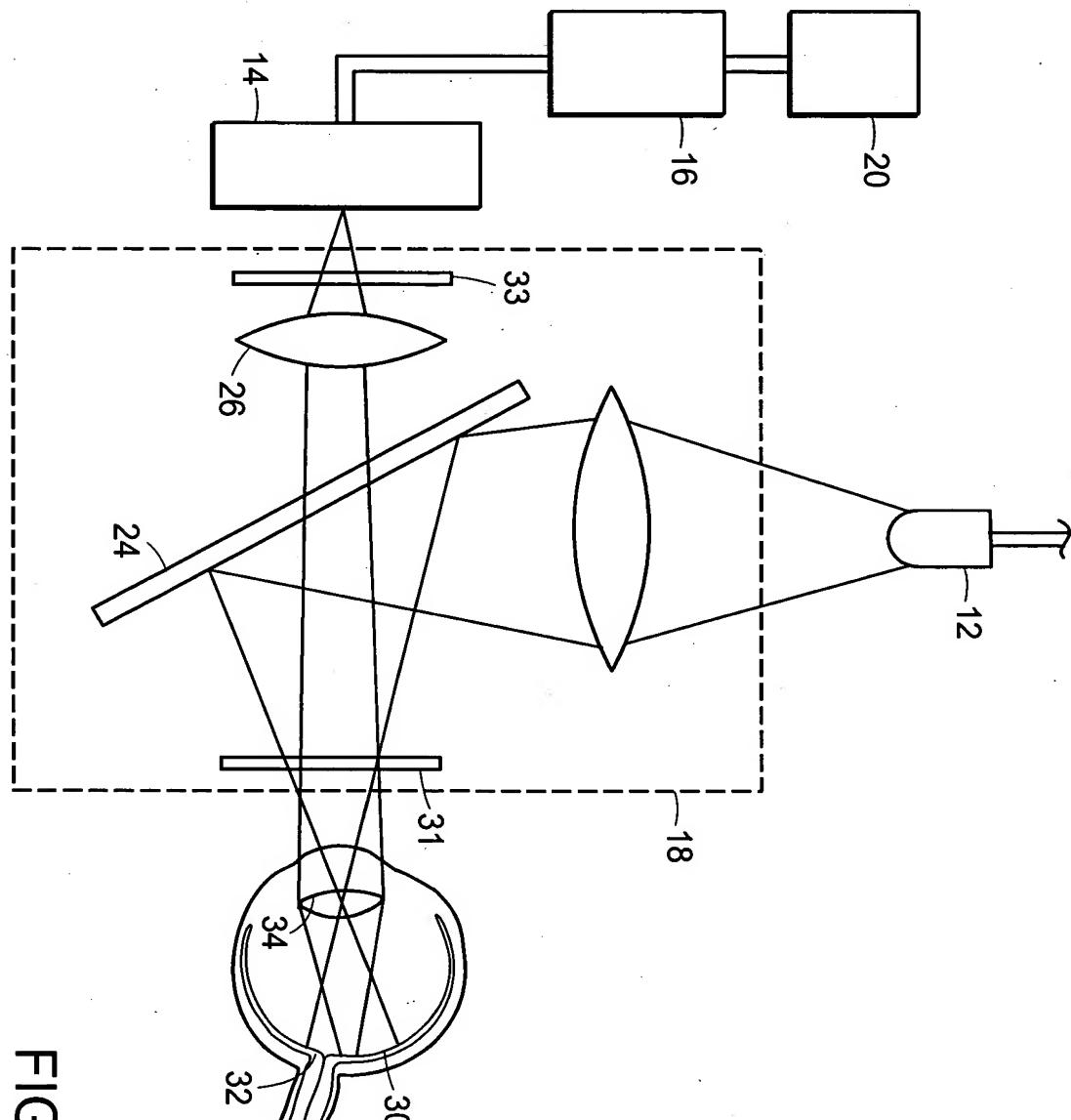


FIG. 2

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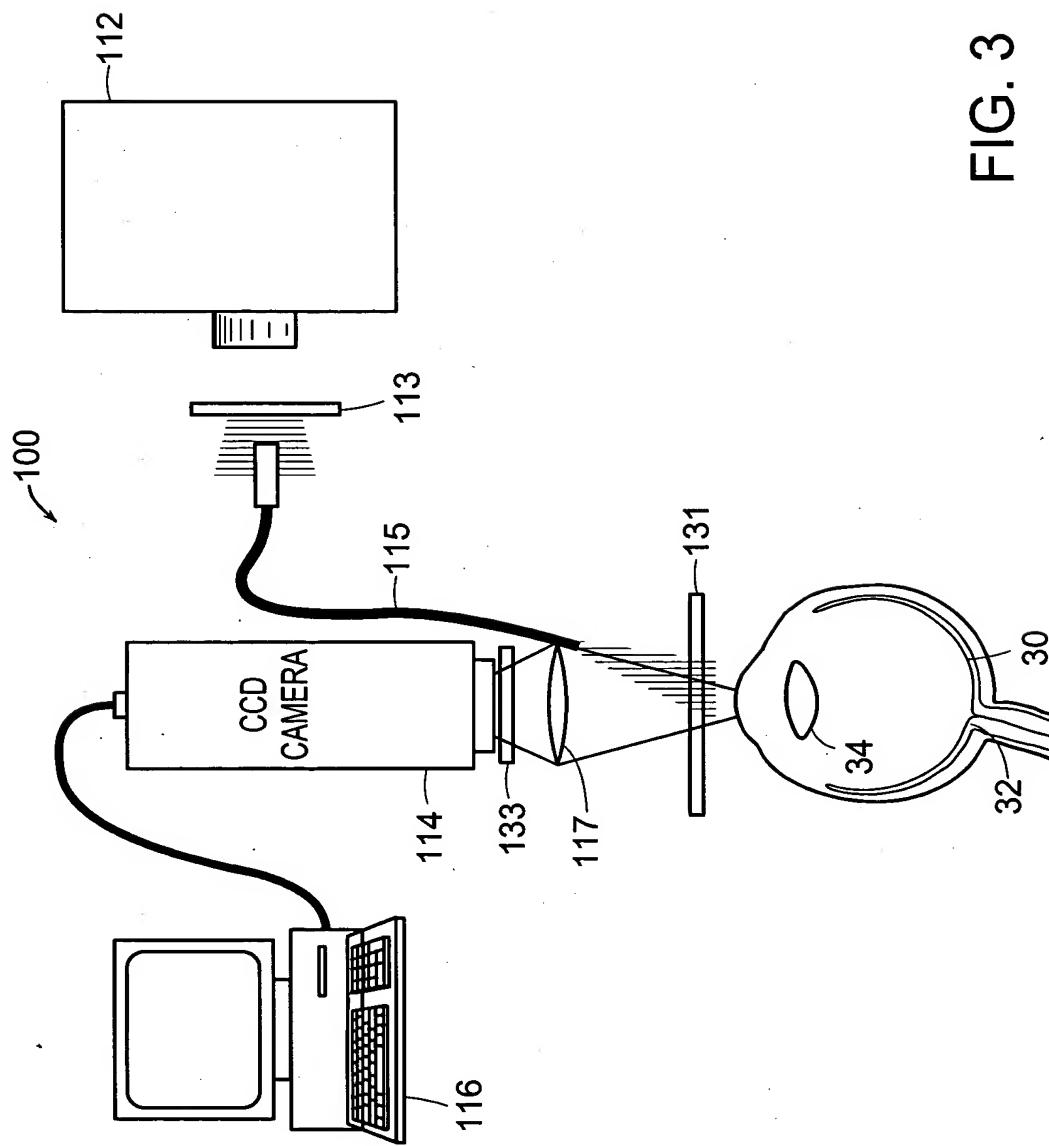


FIG. 3

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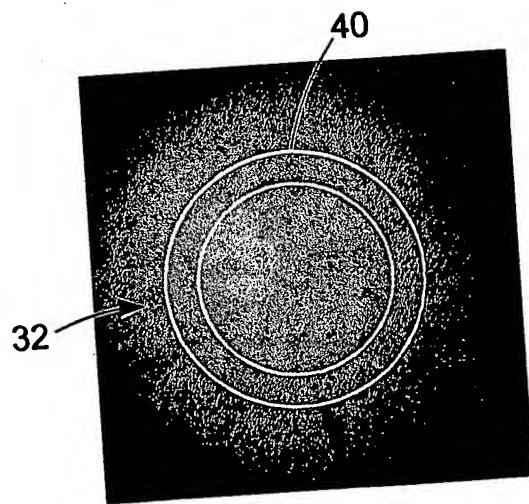


FIG. 4

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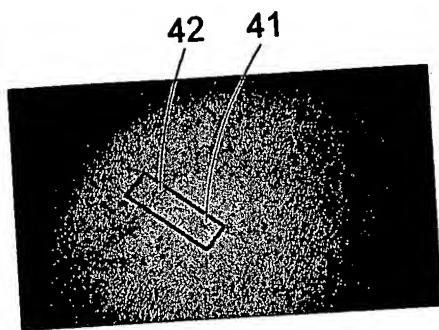


FIG. 5A

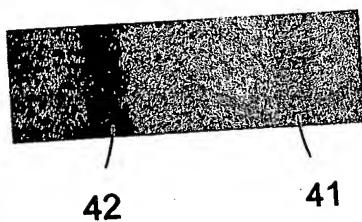


FIG. 5B

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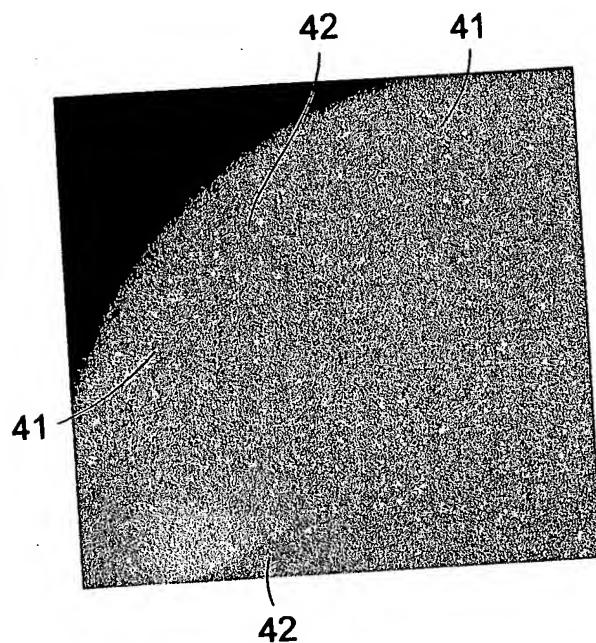


FIG. 6A

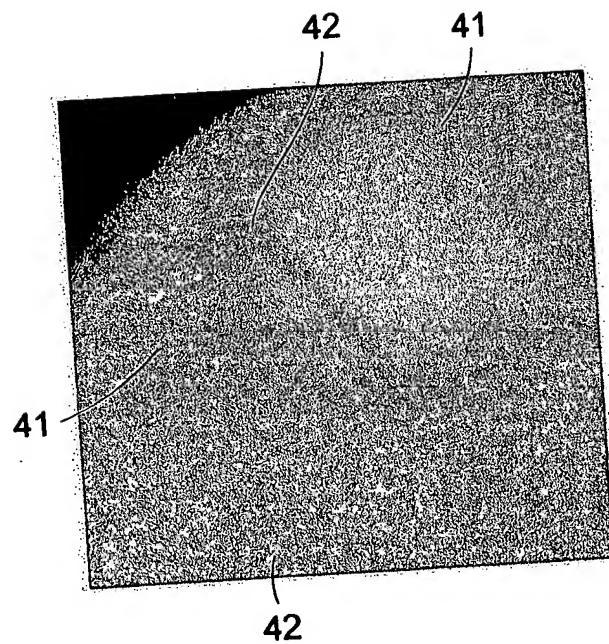


FIG. 6B

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	BASELINE	(-8.9cc)	DELTA %
VENOUS DIAMETER	15.1	12.4	-17.9
ARTERIAL DIAMETER	12.6	10.8	-14.3
A/V RATIO	0.83	0.87	4.4
BLOOD PRESSURE	90mmHg	64mmHg	-28.9

FIG. 7A

	BASELINE	(-5.0cc)	(-7.0cc)
BLOOD LOSS	0%	-26%	-36%
VENOUS DIAMETER	0%	-13%	-23%
ARTERIAL DIAMETER	0%	-11%	-32%
BLOOD PRESSURE	97mmHg	65mmHg	60mmHg

FIG. 7B

	BASELINE	(-6.5cc)
BLOOD LOSS	0%	-30%
VENOUS DIAMETER	0%	-23%
ARTERIAL DIAMETER	0%	-16%
BLOOD PRESSURE	99mmHg	70mmHg

FIG. 7C